



Switch Fuse Data Sheet

Description and Features

The Whitecliffe WFMS Switch Fuse units are manufactured within robust IP40-rated metal enclosures, finished in a durable polyester powder coating for enhanced corrosion resistance and long service life.

Each unit is designed with multiple 25mm and 32mm circular cable entry knockouts located on both the top and bottom faces, providing flexible installation options.

The assembly incorporates the Whitecliffe WME 2100 twin-screw terminal main switch, paired with the WRT 22x58 barrel fuse holder. An optional surge protection device (SPD) can be integrated to provide additional circuit protection where required.

The 3F (3 fuse) variants are supplied with fuse ratings of 63A, 80A, and 100A, ensuring suitability for a wide range of commercial and industrial applications.

Part code:	Description	Dimensions (WxHxDmm)
WFMS100	Metal switch fuse 100A Main switch 22x58 fuse holder	130x238x87
WFMS100/3F	Metal switch fuse 100A Main switch 22x58 fuse holder. C/w 63/80/100A fuses.	130x238x87
WFMS100/3FSP	Fused Main Switch Metal Enclosure 100A M/S 125A Fuseholder C/W 3 FUSES + SPD	160x240x112
WFMS/3P	Fused Main Switch Metal Enclosure 4 Pole 125A M/S 3 Pole 125A fuseholder	240x380x90
WFMSRT00-3F	Time delayed RCD c/w 125A fuse holder & 3 fuses	130x238x87



Three phase



Three phase

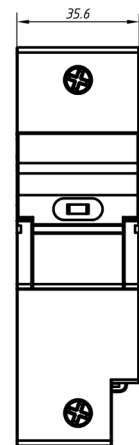
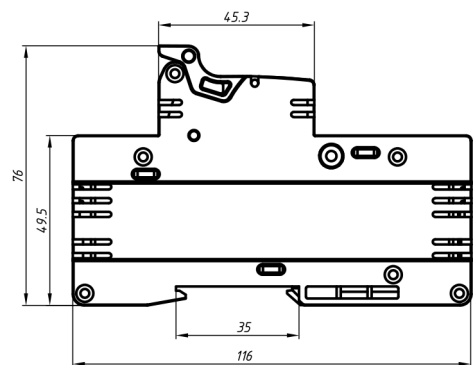


WRT18 fuse holder

The WRT18-125 fuse holder is designed to provide reliable protection against overload and short-circuit conditions in electrical circuits. It is suitable for the protection of distribution lines, control circuits, and motor applications, as well as general electrical installations. The device provides a disconnection function; however, it is not intended for isolation and must not be used as a switch disconnecter.

Rated for applications up to 100A and 690V, the WRT18-125 is compatible with 22 × 58 mm fuse links up to 100A, ensuring dependable performance across a wide range of installations. The unit features a compact, space-saving design with reduced overall dimensions, making it ideal for installations where panel space is limited. Its modular construction allows for quick and flexible assembly, enabling multiple configurations to suit varying application requirements.

Ventilation zones optimised for a better heat dissipation
IP20 protection degree, finger safe
Available in 1 P, 2P, 3P, 4P
Comply with IEC 60947-3



Rated current Ie	100A
rated operational voltage Ue	690Vac
rated insulation voltage Ui	690Vac
Rated power dissipation	9.5W
Maximum power dissipation	12W
Utilisation category as per EN60947-3	AC-21B
Pollution degree	3
IP rated	IP20
Rated impulse withstand voltage Uimp	6kV
Fuse size	22 x 58 mm
Fuse type	gG, aM
Short-circuit withstand	100 kA 400 V conforming to IEC 60947-3 100 kA 500 V conforming to IEC 60947-3 65 kA 690 V conforming to IEC 60947-3
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °C
Standards	IEC / EN 60947-3

